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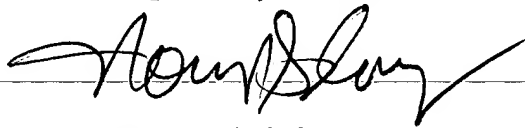
15. (Amended) Method according to [any of the previous claims] claim 1, characterized in the transients being treated with suitable shape enhancing or developing techniques, as for instance derivation, integration, proportionality, etc. before the evaluation by means of multivariate recognition methods or other similar classification methods.

16. (Amended) Method according to [any of the previous claims] claim 1, characterized in a great variation of the pulse frequency, for instance 10 Hz - [100khz] 100kHz

#### REMARKS

The claims have been amended to remove multiple dependencies. It is requested that the filing fee be calculated based on the claims as amended.

Respectfully submitted,



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